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(54) Title: PAPER- OR CARDBOARD-BASED SECURITY PRODUCT

(57) Abstract: A paper- or cardboard-based security product and a method of manufacturing it. The product comprises a paper or a cardboard which is equipped with an identifiable security symbol. According to the present invention, the security symbol comprises a layer in the product, one which consists of a synthetic, electrically conductive polymer, the conductivity of which has been changed locally to form an electrically conductive or, alternatively, electrically non-conductive figure. Furthermore, a figure indicating the security symbol has been fitted on the surface of the paper or the cardboard product. A security product according to the present invention can be produced simply by first applying a conductive polymer, for instance in a non-conductive form, onto a paper, after which an acidic figure is printed in such as way that the area below the figure becomes conductive. The figure can be detected and in this way it acts as a guarantee of authenticity for the product.



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